No: MCTPL/BBMP/Project Division Yelahanka ZONE/P-2/2/2018-19

Date: 13/09/2019

To,
The Executive Engineer,
Project Division Yelahanka ZONE Division,
BBMP, Bangalore

From,

M/s Mecadez Core Technologies Private Ltd,
#103, 1st Main, 3rd Cross,
Kottigepalya, Magadi Main Road.
Bangalore-560091

PMC CERTIFICATE

Sub: Certifying the 2nd & Part Bill for the work of **'Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.'**

With respect to above the subject, this is bring to your kind information that we have scrutinized the 2nd & Part Bill submitted by **'Sri.K.Gopireddy'** Bangalore towards the above work and arrived at an amount of Rs. 22,37,826.00 (Rupees Twenty Two Lakh(s) Thirty Seven Thousand Eight Hundred Twenty Six Only). The work has been completed satisfactorily.

Asst. Executive Enginee
Project Divisi
Yelahanka Zone
Bangalore

Thanking you

Yours Faithfully

For Mecadez Core Technologies Pvt. Ltd.

Enclosed Copy:

Authorised Signature

Sl No	Description of Work	Unit	Present Mesaurement	
			Qty	Amount in Rs.
4	Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines	Cum	21.58	6366.69
5	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm	Cum	16.30	
	Qty Upto 125%	Cum	0.87	4561.46
	Qty Above 125%	Cum	15.43	80043.90
6	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs,	Cum	29.79	
	Qty Upto 125%	Sqm	22.57	151591.84
	Qty Above 125%	Sqm	7.23	49061.24
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs,	Cum	20.06	
	Qty Upto 125%	Cum	0.00	0.00
	Qty Above 125%	Cum	20.06	136161.61
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface	Sqm	43.02	
	Qty Upto 125%	Sqm	17.77	5613.74
	Qty Above 125%	Sqm	25.25	7885.44
12	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments,	Sqm	7.56	2948.40
13	Providing and removing centering, shuttering, strutting, propping etc.,	Sqm	125.43	
	Qty Upto 125%	Sqm	14.38	7909.00
	Qty Above 125%	Sqm	111.05	45450.54
14	Providing 12mm thick cement plaster in Single coats with cement mortar 1:3, to ceiling including rounding off	Sqm	3.00	
	Qty Upto 125%	Sqm	0.00	0.00
	Qty Above 125%	Sqm	3.00	617.13
15	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position,	Tonne	2.83	
	Qty Upto 125%	Tonne	0.00	190.82
	Qty Above 125%	Tonne	2.83	171030.69
16	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum	Sqm	66.43	
	Qty Upto 125%	Sqm	0.00	0.00
	Qty Above 125%	Sqm	66.43	66338.87

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

AE

AE

19	Providing Ceramic tiles of approved make, shade and size for flooring treads of steps and landings laid on a bed of 12mm thick,	sqm	42.68	
	Qty Upto 125%		18.00	19800.00
	Qty Above 125%		24.68	30928.63
24	Providing 18mm thick cement plaster in Single coats with cement mortar 1:6 to Brick Masonry including rounding off	Sqm	21.00	4200.00
25	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface	Sqm	232.01	22040.95
27	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings	Sqm	21.84	87360.00
28	Providing , fabricating , assembing and fixing in position aluminium doors using following aluminium mat finish or glossy finish,	Sqm	21.84	146328.00
29	Providing and fixing Pull and Push Type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel latths	Sqm	8.10	23490.00
43	Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic	Nos.	3.00	15900.00
44	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single of 15mm C.P brass pillar	Nos.	2.00	8000.00
45	ksrb13-6,1-2:Providing and fixing in position brass bib cock of approved quality 20 mm dia nominal bore including cost of materials,	Each	10.00	2500.00
46	Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings,	Rmt	30.00	9000.00
47	b) 110 mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	20.00	8711.20
48	Providing and fixing rigid PVC bend of required degree (of approved make)	Each	16.00	8800.00
49	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4	No.	20.00	6000.00
50	Constructing brick masonry inspection chamber 600X600mm, and 450mm depth, (clear inside dimension) for single pipeline,	No.	2.00	19200.00
51	Providing and fixing CPVC pipes confirming to IS 15778 ,having thermal stability for hot and cold water supply	Rmt	10.00	3300.00
52	25mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	70.00	17500.00

Asst. Executive Engineer
Project Division
Verified
AE

53	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials,	Each	16.00	2560.00
54	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screed end) 5 mm nominal bore	Nos	4.00	4000.00
55	Core cutting for taking pipes and bore packing water tight with cement concrete and waterproof ---- All terms	Job	2.00	18000.00
56	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits	Cum	12.00	2400.00
57	Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A	Rmt	10.00	3500.00
58	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer	cum	6.08	486.00
59	Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary.	No.	4.00	1100.00
60	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits	cum	12.00	2400.00
61	Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches	Rmt.	12.00	6480.00
62	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer	cum	12.00	960.00
63	Providing and fixing 50mm dia nominal bore gun metal non-return valve horizontal type of approved make including	No.	4.00	6000.00
64	Providing and placing on terrace , polyethylene water storage tanks (1000 ltr capacity) ---- All terms	No.	4.00	36000.00
65	Earthwork excavation for foundation of structures as per drawings and technical specification, including setting out	Cum	7.11	497.54
66	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220kgs with 40mm and down size	Cum	0.80	4320.00
67	Providing and laying in position reinforced cement concrete of design I mix M25 with OPC cement @340 Kg with 20mm	Cum	0.59	3839.06
68	Extra for use of water proofing compound in Cement concrete of mix 1:1:2	Cum	0.59	153.56

Asst. Executive Engineer Project Division Velachery

69	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for sides and soffits of beams,	Sqm	3.15	819.00
70	Providing and removing centering, shuttering, strutting, propping etc.,	Sqm	3.94	2224.69
71	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum	Sqm	43.20	43200.00
72	Providing TMT Steel reinforcement for RCC work including straightening, cutting, bending, hooking placing in position lapping	Tonne	0.24	18000.00
73	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth,	Cum	3.54	354.38
74	Providing 20 mm thick cement plaster in single coat with CM 1:3 to stone masonry / concrete surface including rounding off corners	Sqm	29.30	7323.75
75	Providing 12mm thick cement plastering in single coat with cement mortar 1:3 to ceiling l including rounding off corners	Sqm	4.40	814.00
76	Providing and fixing MS door for sump including cost of labour, materials and one coat of primer paint and two coats	Sqm	0.72	2664.00
77	Open Conduit System Supplying heavy gauge PVC conduit pipe …….dia ..... mm thick confirming to IS 2509 with suitable size bends,	Mtr	300.00	15000.00
78	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	260.00	15600.00
79	Concealed Conduit System: Supplying heavy guage PVC conduit pipe …mm dia ...mm thick confirmingto IS 2509 with suitable size bends,	Mtr	40.00	1600.00
80	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	30.00	1500.00
81	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends,	Mtr	120.00	6000.00
82	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	80.00	4400.00
83	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	9.00	765.00
84	b) 4-5Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	3.00	270.00

Asst. Executive Engineer
Project Division
Velankanni Zone
Bangalore

85	c) 6Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	6.00	600.00
86	d) 8Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	7.00	875.00
87	e) 10-12Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	11.00	1650.00
88	Supplying and fixing superior quality modular switch mounting polycarbonate plate	Each	9.00	765.00
89	b) 4-5Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	7.00	770.00
90	c) 6Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	10.00	1650.00
91	d) 8Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	8.00	1400.00
92	e) 10-12Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	11.00	2860.00
93	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone	Each	51.00	2805.00
94	b) 6Amps 3way socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	8.00	680.00
95	c) Stepped Fan Regulator ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	10.00	2750.00
96	d) 16Amps one way switch ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	5.00	500.00
97	e) 6/16Amps universal socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	5.00	625.00
98	f) TV/Telephone socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00	150.00
99	supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade ,	Each	12.00	1500.00
100	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box ---- All terms	Each	90.00	18000.00
101	c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box ---- All terms and conditions as per the Tender	Each	30.00	9750.00
102	d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box. ---- All terms and conditions as per the Tender document	Each	10.00	4000.00

Executive Engineer
Project Director
Velahanahalli
Bangalore

AE

103	e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box. ---- All terms and conditions as per the Tender document	Each	4.00	2260.00
104	Supplying and fixing metal Fan box with Round Hook. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	20.00	1700.00
105	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable	Mtr	500.00	7500.00
106	b) 2.5 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	1000.00	25000.00
107	c) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	300.00	12000.00
108	d) 6 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	100.00	6000.00
109	b) 2.5 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	40.00	3800.00
110	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts	Mtr	2.00	4600.00
111	b) 6 way TP & N ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	2.00	5600.00
112	b) 12 way SP & N ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	2.00	3200.00
113	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials	Each	20.00	8000.00
114	b) 5-32Amps TPN ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00	6160.00
115	c) 40-63Amps TPN ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00	7600.00
116	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker	Each	2.00	4800.00
117	b) 32-40Amps 4Pole ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00	6500.00
118	Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof	Sqcm	1700.00	510.00

Asst. Executive Engineer
Project Division-I
Velahanka
AE

119	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered	mtr	2.00	4000.00
120	Supplying fixing angle iron frame work fabricated out of M.S angle iron .. And m.S flat....	mtr	6.00	1500.00
121	a) 50x100x50x6 mm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	mtr	6.00	3720.00
122	Supplying and fixing Moulded Case Circuit Breaker (MCCB) .over the existing wood/panel board using necessary	Each	2.00	11400.00
123	Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power,	Each	2.00	15000.00
124	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. ----	Each	2.00	700.00
125	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer.	Each	2.00	900.00
126	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz	Each	6.00	2400.00
127	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. ----	Each	2.00	12500.00
128	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed,	Mtr	40.00	10000.00
129	b) 4 core 16 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	60.00	8100.00
130	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall /	Mtr	60.00	900.00
131	b) 6 sqmm 16 Sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	100.00	800.00
132	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc.,	Mtr	95.00	6650.00
133	providing and filling sand in exvated trench to cover already laid UG cable to a depth of 150mm alround the cable. ----	Mtr	95.00	8550.00
134	providing and laying in position 100mm dia stone ware pipe in existing trench ----	Mtr	55.00	11000.00
135	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm	Rmt	20.00	11000.00
136	Supplying and fixing L.T cast iron pot heads suitable for 1.1 Kv class UG cable	Rmt	2.00	1200.00
137	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class	Each	4.00	1500.00

Executive Engineer
Project Division
Velahanka

AE

138	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.	Each	24.00	1440.00
139	b) 6 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	24.00	120.00
140	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr	Each	8.00	34536.00
141	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.	Mtr	12.00	1200.00
142	Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours	Each	32.00	51200.00
143	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamp.	Each	34.00	5100.00
145	Supplying exhaust fan of 1440 RPM of 300mm (12") sizewith bracket blades	Each	3.00	4800.00
147	Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent	Each	21.00	10500.00
	EIRLItems			
4	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm	Sqm	132.93	371069.63
6	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm	Sqm	22.68	63963.14
7	:Providing ,supplying & commissionig of 1 H.P submersible single phase of Make	Nos	2.00	34936.26
8	Applying Primer coat over new wood surface and / or wood based surface with white lead paint priming	Sqm	17.64	582.85
9	Providing and Applying painting two coats (excluding priming coat) on new wood surface and /	Sqm	17.64	1579.34
10	Providing and applying enamel metal paint two coats(excluding priming coat)	Sqm	72.74	6357.29
	Grand Total			**22,37,826.00**

Executive Engineer
Project Division
Velachery Zone
Bangalore

Yours Faithfully

For Mecadez Core Technologies Pvt. Ltd.

Authorised Signature